## MATHEMATICS OF THE USSR-SBORNIK

## МАТЕМАТИЧЕСКИЙ СБОРНИК

## Tom 104 (146), Nos. 1-4, 1977

Volume 33, Nos. 1-4

September-December, 1977

Pages 1-580

## INDEX OF AUTHORS

Andrianov, A. N. On factorization of Hecke polynomials for the symplectic group of genus n	343
Anikonov, D. S. On the boundedness of a singular integral operator in the space $C^{\alpha}(\overline{G})$	447
Artamonov, V. A. On algebras without proper subalgebras	375
Belonosov, V. S. and Višnevskii, M. P. On the stability of stationary solutions of non- linear parabolic systems	465
Borisenko, A. A. Complete l-dimensional surfaces of nonpositive extrinsic curvature in a Riemannian space	485
Burnašev, M. V. Asymptotic expansions for estimates of a signal parameter in Gaussian white noise	159
Butuzov, V. F. The angular boundary layer in mixed singularly perturbed problems for hyperbolic equations	403
Gapoškin, V. F. A theorem on the convergence almost everywhere of a sequence of measurable functions, and its applications to sequences of stochastic integrals	1
Gricenko, V. A. Symmetric squares of zeta-functions for the principal congruence sub- group of the Siegel group of genus 2	19
Golubov, B. I. On the summability of Fourier integrals by Riesz spherical means	501
Gusev, A. I. The state density and other spectral invariants of selfadjoint elliptic operators with random coefficients	185
Kabanov, Ju. M., Lipcer, R. Š. and Širjaev, A. N. On the question of absolute continuity and singularity of probability measures	203
Kaljabin, G. A. Characterization of spaces of generalized Liouville differentiation	
Katrahov, V. V. See Kiprijanov, I. A.	
Kiprijanov, I. A. and Katrahov, V. V. On a class of one-dimensional singular pseudodif- ferential operators	43
Kružkov, S. N. and Sukorjanskii, S. M. Boundary value problems for systems of equations of two-phase porous flow type; statement of the problems, questions of solvability, justification of approximate methods	62
Leont'ev, A. F. On the question of representing entire functions by exponential series	32
Lipcer, R. Š. See Kabanov, Ju. M. and Širjaev, A. N.	
Lukašenko, T. P. Conjugate functions and the restricted Denjoy integral	81
Lycagin, V. V. On sufficient orbits of a group of contact diffeomorphisms	
Malyšev, F. M. On closed subsets of roots and cohomology of regular subalgebras	
Manin, Ju. I. and Pančiškin, A. A. Convolutions of Hecke series and their values at lat- tice points	
Oročko, Ju. B. Carleman estimates for the Schrödinger operator with a locally semi- bounded strongly singular potential.	
Pankitkin A A San Manin Iu I	

Polin, A. K. Limit theorems for decomposable branching processes with final types	136
Rahmanov, E. A. Convergence of diagonal Padé approximants	243
Rogov, VB. K. On the eigenfunctions of the Beltrami-Laplace operator on homogeneous symmetric spaces of rank 1	261
Širjaev, A. N. See Kabanov, Ju. M. and Lipcer, R. Š.	
Skornjakov, L. A. On the structure of locally compact biregular rings	573
Sukorjanskii, S. M. See Kružkov, S. N.	
Tanana, V. P. On optimal algorithms for operator equations of the first kind with a per- turbed operator	281
Višnevskii, M. P. See Belonosov, V. S.	
Vladimirov, V. S. Holomorphic functions with positive imaginary part in the future tube. IV	301
Zelenjak, T. I. On qualitative properties of solutions of quasilinear mixed problems for equations of parabolic type	427
Žikov, V. V. On the stabilization of solutions of parabolic equations	519
Foreword: The Sixtieth Anniversary of the Great October Socialist Revolution	299

.

.

